

EWBANK

SPECIALITIES

IN
CARPET SWEEPERS,
WASHING, WRINGING
AND
MANGLING MACHINES,
LADDERS & VICES.



**ENTWISLE &
KENYON LTD.**

ACCINGTON.

Len 500. + 100.

[1815]



104 ELIZABETH ST,
BRISBANE, Q.

... CATALOGUE ...

OF THE CELEBRATED

“EWBANK”

PRODUCTIONS IN

Carpet Sweepers

Washing,
Wringing,
AND
Mangling
Machines.



Step
Ladders,
AND
Vices.
...

MANUFACTURED BY ...

Entwistle & Kenyon Ltd..
ACCRINGTON.

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WASHING MACHINES.

17. Domestic Washer, with Combined Wringer & Mangle.
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78. " Bull Dog.
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80. Portable Vices.

Cable and . . .

Telegraphic Address :

"Ewbank"



ROBERT GUTHRIE
104 ELIZABETH ST.,
BRISBANE, Q.

ACCRINGTON,

1902.

LITTLE need be said about the quality of our productions. The name "EWBANK" is accepted to-day as a sufficient guarantee of high quality and reliable work, and we need hardly say that it will always be our aim to maintain the reputation which attaches to our Trade Mark.

The attention of the Trade is directed to our Improved Mangles, fitted with our Patent Roller Shield, pages 25 to 36, and also to our recent Improvements in Carpet Sweepers, as described on pages 6 to 11.

We are grateful for support so liberally given to us in the past, and can assure all our friends that no efforts will be spared in the future to merit a continuance of their many favours.

Entwistle & Kenyon Ltd.



EWBANK CARPET SWEEPERS.

IN submitting particulars of an entirely new range of "EWBANK" CARPET SWEEPERS, made under our last Patent, it is necessary to state that these Sweepers are sold with the attached condition that they shall not be sold below the fixed minimum prices as set forth herein. The attention of the Trade is specially directed to this point.

The Patented Improvements represent the latest developments in the Carpet Sweeper Industry, and they bring the "EWBANK" SWEEPER to the very front. To-day the "EWBANK" is the lightest running, as well as the simplest Sweeper made; the adjustable rubber guard is unique and eminently effective—the powerful handle grip does away with an old-standing fault; whilst in finish the "EWBANK" SWEEPER now surpasses all its previous excellence.





104 ELIZABETH ST,
BRISBANE, Q.

Window Displays.



We are always ready to co-operate in making a good Window Display of "EWBANK" CARPET SWEEPERS, and shall be glad to hear at any time from those who are willing to join hands with us.



Our new Advertising Machine,

The Biogen.

(of which we have several in constant use) has proved attractive and successful.

"EWBANK" CARPET SWEEPERS.

RECENT PATENTED IMPROVEMENTS.

Patent Handle Grip.

ABSOLUTELY FIRM.

FIXED IN POSITION IN 2 SECONDS.

REMOVED IN 1 SECOND.



The old faulty method of fixing the wood handle by means of a wooden screw thread is superseded by a positive grip of two metal surfaces on a plain wood handle.



*Half a turn of the thumb-screw fixes the handle as
firm as a rock.*

Half a turn frees the handle.

The grip is given by the thumb-screw and the small metal cap or clip as shewn above. A Mechanical Expert describes it as

**"The Perfection of
Powerful Simplicity."**

The dullest servant girl can manage it easily.

"EWBANK" CARPET SWEEPERS.

RECENT PATENTED IMPROVEMENTS.

Patent Adjustable Furniture Guard.

This Patent Guard—designed to allow of the taking-up of stretch—is in two lengths, and each length is adjustable as it stretches.



Figs. 1 and 2 shew the method of fixing the ends. If the Guard stretches, cut half an inch or so off one end and replace. Guard is thus kept tight on Sweeper.

EWBANK CARPET SWEEPERS.

THE EWBANK EXHIBITION.



This is a very handsome Sweeper, with plate glass top, and is fitted with our new patent handle clip, patent furniture guard, and brush-drive springs.

SPECIALLY USEFUL TO SALESMEN.

List Price, 18/- Minimum Retail Price, 17/3

THE EWBANK CLEAR VIEW.



This is also a very useful Sweeper (also with glass top, for demonstrating the action of the brush). Of plainer type and finish than the above. It is fitted with our new patented improvements.

List Price, 15/6 Minimum Retail Price, 14/9

EWBANK CARPET SWEEPERS.

THE EWBANK SUPERB.

WITH SPECIAL HAND-MADE BRUSH.



This is the handsomest Sweeper ever offered to the British public. It is of striking design, superbly finished. It is fitted with our new patent handle clip, patent furniture guard, and brush-drive springs. All fittings electro plated.

List Price, 17 - Minimum Retail Price, 16 3

THE EWBANK MONARCH.

WITH SPECIAL HAND-MADE BRUSH



This is a splendid Sweeper in every respect. Its hand made brush is the finest ever put into a Carpet Sweeper. It is also fitted with the patent handle clip and patent furniture guard — both valuable improvements — in addition to our brush-drive springs

List Price, 15 6 Minimum Retail Price, 14 9

EWBANK CARPET SWEEPERS.

THE EWBANK NATIONAL.



The woodwork of this Sweeper is of handsome design, and of the highest finish throughout. The Sweeper contains all our latest improvements, and is in every respect thoroughly up-to-date.

ALL FITTINGS ELECTRO PLATED.

List Price, 15 6 Minimum Retail Price, 14,9

THE EWBANK EMPIRE.



This is a splendid example of the every day Sweeper for every day use. Its brush is a splendid pile searcher, and the addition of our new patent handle clip, and patent rubber furniture guard, make it a most up to date Sweeper. The brush-drive springs make deep sweeping positive and light running certain.

List Price, 14 - Minimum Retail Price, 13 3

EWBANK CARPET SWEEPERS.

THE EWBANK ROYAL.



This Sweeper is fitted with patent handle clip, brush-drive springs, and woven braid furniture guard. It is an excellent machine, and is the cheapest high-grade Sweeper we make.

List Price, 13 3 Minimum Retail Price, 12 6

THE BRITON.



Fitted with woven braid furniture guard. The selling price of this is not controlled, as it does not contain our recent patented improvements.

Price 12/9

EWBANK CARPET SWEEPERS.

THE ARIEL.



Price 11/3

THE QUEEN.



Price 11/3

THE SCOTIA.



Price 11/3

SHOW STANDS.

LOANED FOR EXHIBITING

... "Ewbank" Sweepers.

No. 1



Holds 3 Complete Sweepers
and Handles

No. 2.



Holds 4 Complete Sweepers
and Handles.



STORAGE ON SHELVES
DISPENSED WITH.

SHOW STANDS.

LOANED FOR EXHIBITING

... "Ewbank" Sweepers.

No. 4

No. 3



Holds 5 Complete Sweepers and Handles



Holds 8 Complete Sweepers and Handles

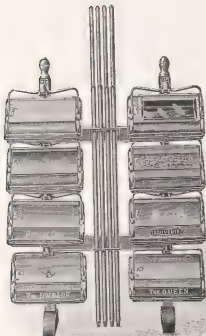
USEFUL FOR
ADVERTISING PURPOSES.

SHOW STANDS.

LOANED FOR EXHIBITING

... "Ewbank" Sweepers.

No 5



Holds 8 Complete Sweepers and Handles.

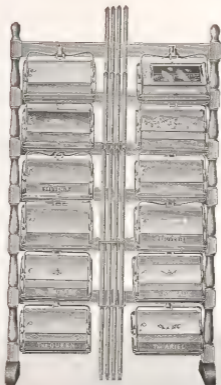
YOUR STOCK
ALWAYS IN SIGHT.

SHOW STANDS.

LOANED FOR EXHIBITING

... "Ewbank" Sweepers.

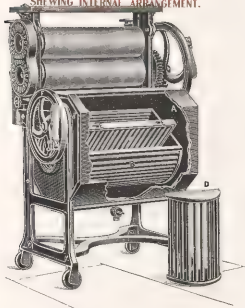
No 6



Holds 12 Complete Sweepers and Handles.

THE "DOMESTIC WASHER"

SHOWING INTERNAL ARRANGEMENT.



A is the box which must be filled one-third full of water when washing. B is a revolving wince or drum which is divided by the midfeather C into two compartments, into each of which the clothes are placed for washing. D is the lid of drum. E the brass buttons for holding it in its place. F is the driving wheel.

The clothes are carried at every revolution by means of the midfeather out of the water to the top of the drum, and the force with which they are dashed down again into the water, causes the water to be driven through every portion of the fabric.

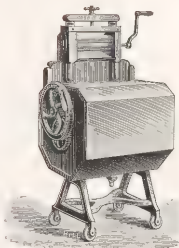
The washing is well and quickly done with no wear or possible damage to the clothes, as there is no rubbing whatever.

 This Machine will wash Lace Curtains.

No. 0a. With Rollers 20-in. x 6-in., brass capped and with brass tap.	£6 17 0
No. 1a. For ordinary Family use, 23½-in. Rollers, brass capped, to wash 2 blankets at a time, and other clothes in proportion	7 11 0
No. 2a For large Families Schools, &c., 27½-in. Rollers, brass capped, to wash 4 Blankets at a time, and other clothes in proportion.	10 1 0

THE "DOMESTIC" WASHER

WITH OR WITHOUT INDIA RUBBER WRINGER.

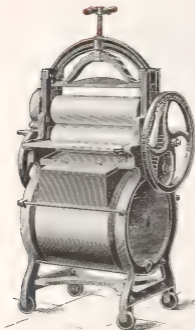


PRICES :

No. 3A Washer (ordinary family size), to wash 2 Blankets at a time, without Wringer	£5 4 0
No. 4A Washer, to wash 4 Blankets, &c. } at a time, without Wringer ... }	6 14 0
No. 5A Washer, to wash 2 Blankets, &c. } at a time, with 12-inch India Rubber Wringer }	7 4 0
No. 6A Washer, to wash 4 Blankets, &c. } at a time, with 16-inch India Rubber Wringer }	9 14 0

THE "COTTAGE" WASHER

BOW TOP.



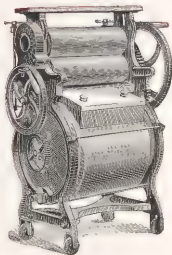
PRICES :

No. 1bc. With Rollers 20-in. x 5½-in., without brass caps and no brass tap	£6 1 0
No. 2bc. With Rollers 20-in. x 6-in., with brass caps and brass tap	6 11 0
No. 3bc. With Rollers 22-in. x 6-in., with brass caps and brass tap	6 17 0

Roller Bearings cannot be applied.

THE "COTTAGE" WASHER

FLAT TOP.



PRICES :

No. 1c. With Rollers 20-in. x 5 $\frac{1}{2}$ -in., uncapped and without brass tap	} £6 7 0
No. 2c. With Rollers 20-in. x 6-in., brass capped and with brass tap	} 6 17 0
No. 3c. With Rollers 22-in. x 6-in., brass capped and with brass tap	} 7 3 0
No. 4c. With Rollers 24-in. x 6-in., brass capped and with brass tap	} 7 9 0
No. 5c. With Rollers 28-in. x 6-in., brass capped and with brass tap	} 8 4 0

Rollers Bearings cannot be applied.



The King of Mangles.

54,952 sold to July 30th, 1902.

FEATURES.

1. **Patent Roller Shield**, as shown on following page. "
2. **Rollers lift apart** after use.
3. **Unbreakable framework**, being made of wrought iron tubes.
4. **Pressure instantly applied** or released
5. **No loose boards.** Entirely a self-contained machine.

CAUTION.

Copies of the "EWBANK SAFETY" MANGLE are numerous, but all lack our Special Patented Features.

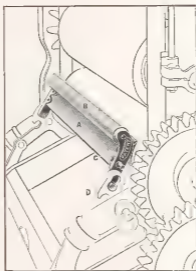
See the word "SAFETY" on the bottom cross rail of each Machine.

THE "EWBANK" ROLLER SHIELD

(PATENTED.)



The most valuable improvement ever applied to
a Wringing and Mangling Machine.

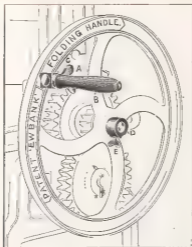


- A is a contact board which carries away the hot water.
- B a roller which keeps the clothes out of contact with the bottom roller.
- C is a pivotal bracket on which the shield is carried.
- D is the pivot.

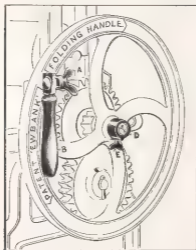
By keeping the hot clothes off the bottom roller and carrying away all the hot water, the fibre of the wood is preserved, and rollers are kept in good shape. In fact, the shield practically **doubles the life of the rollers.**

THE EWBANK FOLDING HANDLE

A boon in a small Kitchen or Wash-house.



Note the method of keeping fly-wheel in position



- A The wing nut for fixing handle in position. B The handle.
 C The fixing bolt. D Collar to keep fly-wheel in place.
 E Thumb screw used in place of screw-key.

THE "EWBANK" WHEEL GUARD



ADVANTAGES.

1. Quickly removed without a screw key.
2. Oiling done with certainty and ease.
3. Bearings examined without trouble.

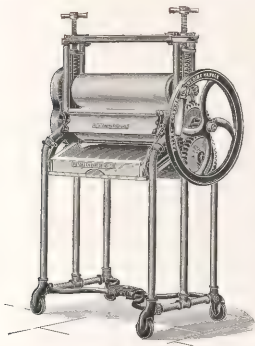
HOW TO REMOVE IT. . . .

Unscrew the hand-wheel A, grasp the cover and twist to one side (as shown in illustration), until the hook clears the bolt and the wheel A, when the cover will be free.

THE "EWBANK SAFETY"

No. 130.

Fitted with Patent Roller Shield and Folding Handle.



NOTE. Rollers lift apart when not in use.

For Details of Improvements, see pages 22, 23, and 24.

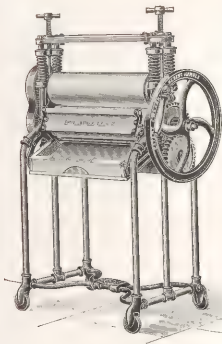
PRICES (with brass capped Rollers):—

		Inches.			
With Rollers—	21 x 6	...	...	£3	14 6
"	24 x 6	...	...	"	3 16 0
"	27 x 6	..	...	...	4 5 0
"	30 x 6	...	...	...	4 14 0

THE "LEWBANK SAFETY"

No. 133.

Fitted with Patent Roller Shield and Folding Handle.



NOTE. Rollers lift apart when not in use.

For Details of Improvements, see pages 22, 23, and 24.

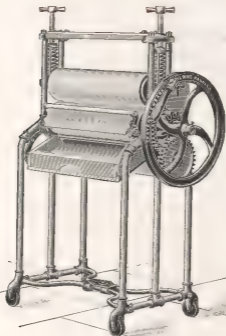
PRICES (with brass capped Rollers):

Inches			
With Rollers—	21 x 6	... ..	£3 14 6
	24 x 6	... ..	3 16 0
	27 x 6	... ..	4 5 0
	30 x 6	... ..	4 14 0

TAE EWBANK SAFETY

No. 13.

Fitted with Patent Roller Shield and Folding Handle.



NOTE. Rollers lift apart when not in use.

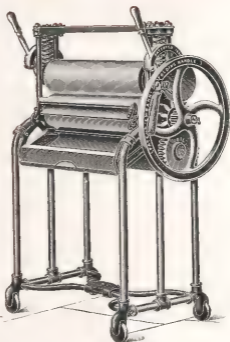
For Details of Improvements, see pages 22, 23, and 24.

PRICES (with brass capped Rollers):—

	Inches.				
With Rollers—	21 x 6	...	...	...	£3 14 6
"	24 x 6	...	...	...	3 16 0
"	27 x 6	...	...	...	4 5 0
"	30 x 6	...	...	...	4 14 0

THE "EWBANK SAFETY"

No. 11.



NOTE. Rollers lift apart when not in use.

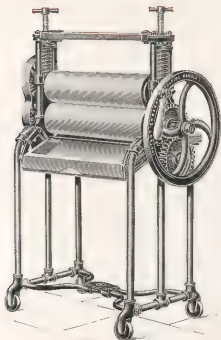
Pressure applied by Lever and Cam arrangement.

PRICES (with brass capped Rollers):

	Inches				
With Rollers	21 x 6	...	...	...	£4 0 6
	24 x 6	.	..	.	4 2 0
	27 x 6	...		...	4 11 0
	30 x 6	...	.	...	5 0 0

THE "EWBANK SAFETY"

No. 20.



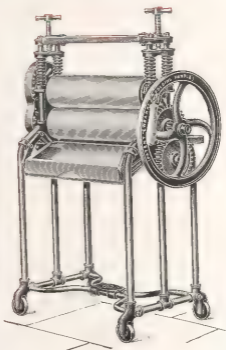
NOTE.—Rollers do not lift apart.

PRICES (with brass capped Rollers):

	Inches				
With Rollers—	21 x 6	...	...	...	£3. 11 6
"	24 x 6	...	...	...	3 13 0
"	27 x 6	...	...	...	4 2 0
"	30 x 6	..	...	...	4 11 0

THE "EWBANK SAFETY"

No. 23.



NOTE. -Rollers do not lift apart.

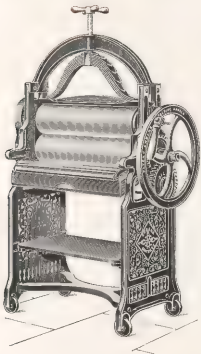
PRICES (with brass capped Rollers) :—

	Inches				
With Rollers—	21 × 6	...	...	£3	11 6
..	24 × 6	...	...	3	13 0
..	27 × 6	...	...	4	2 0
..	30 × 6	...	...	4	11 0



FITTED WITH

Patent Roller Shield.



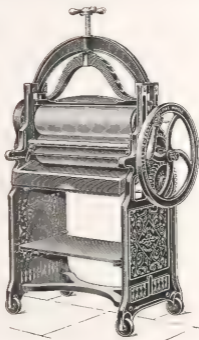
Shews Shield in position for mangling

Following page shews position for wringing
wet clothes.

For description of Shield and Folding Hand, see pages 22 and 23

THE "F. W. BANK EMPRESS"

FITTED WITH
Patent Roller Shield.



For description of Shield and Folding Handle, see pages 22 and 23.

PRICES (with brass capped Rollers & Folding Handle)

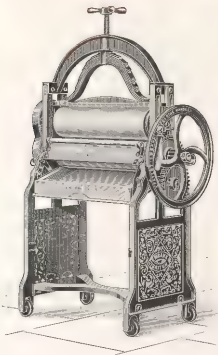
	Inches				
With Rollers—	21 x 6	...	...	...	£3 4 0
	24 x 6	..	...	...	3 5 6
..	27 x 6	...	...	...	3 14 6
	30 x 6	...	...	...	4 3 6

THE "EWBANK BRITON"

No. 1.

FITTED WITH

Patent Roller Shield.



For description of Shield and Folding Handle, see pages 22 and 23

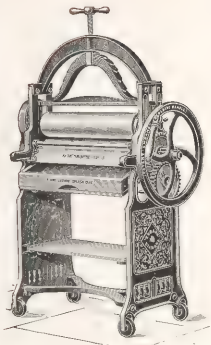
PRICES (with brass capped Rollers, Patent Boards, and Folding Handle):

	With Rollers	inches						
	21 x 6 ..	...	...	..	£3	4	0	
	24 x 6 ..	...	...	..	3	5	6	
	27 x 6 ..	...	..	..	3	14	6	
	30 x 6 ..	..	...	..	4	3	6	

THE "EWBANK DIAMOND"

FITTED WITH

Patent Roller Shield.



For description of Shield and Folding Handle, see pages 22 and 23

PRICES (with or without Rollers & Folding Handle)

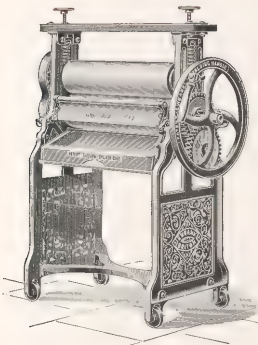
	Inches			
With Rollers	21 x 5½	...	...	£3 1 0
"	24 x 5½	..	...	3 2 0
"	27 x 5½	...	...	3 11 6
	30 x 5½			4 0 0

THE "EWBANK BRITON"

No. 2.

FITTED WITH

Patent Roller Shield.



For description of Shield and Folding Handle, see pages 22 and 23.

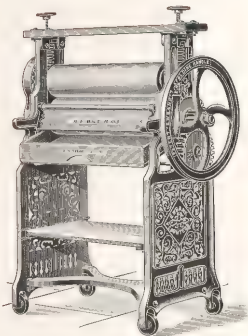
PRICES (with brass capped Rollers, Patent Boards, and Folding Handle):—

	Inches.				
With Rollers	21 x 6	...	...	...	£3 4 0
"	24 x 6	...	...	...	3 5 6
"	27 x 6	...	...	...	3 14 6
"	30 x 6	...	...	...	4 3 6

THE "EWBANK COUNTESS"

FITTED WITH

Patent Roller Shield.



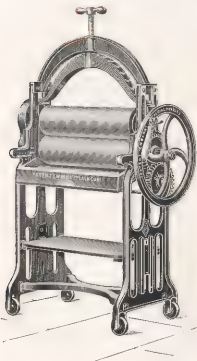
For description of Shield and Folding Handle, see pages 22 and 23.

PRICES *with brass capped Rollers & Folding Handle*

	Inches,				
With Rollers—	21 x 6 ..	...	...	£3	4 0
	24 x 6 ..	...	...	3	5 6
	27 x 6 ..	...	...	3	14 6
	30 x 6 ..	...	...	4	3 6

THE "TRIUMPH"

WITH EXTENDED SPRING.

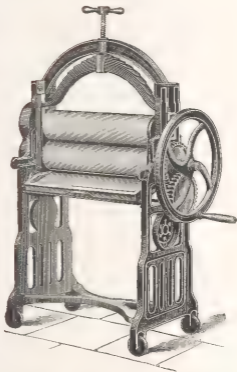


PRICES (*with brass capped Rollers & Folding Handle*)

	Inches				
With Rollers—	21 x 6	...	...	£3	4 6
..	24 x 6	...	...	3	6 0
..	27 x 6	..	..	3	15 0
.	30 x 6	.	.	4	4 0

THE LANCASTER

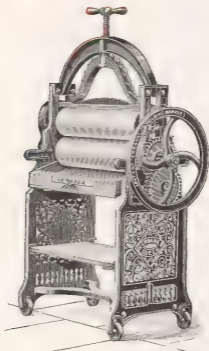
With Roller Bearings and Extended Spring.



PRICES *(with brass capped Rollers & Folding Handle)*

	Inches.				
With Rollers—	21 x 6	...	...	...	£3 10 6
	24 x 6	...	...	...	3 12 0
	27 x 6	...	...	...	4 1 0
	30 x 6	...	...	...	4 10 0

THE "EWBANK QUEEN"



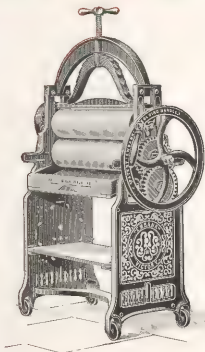
PRICES :

	Inches			
With Rollers—	20 x 6...	...	...	£2 19 0
"	21 x 6...	...	...	2 19 6
"	22 x 6 ..	...	...	3 0 0
"	24 x 6 ..			3 1 0
"	27 x 6 ..	...	...	3 10 0
"	30 x 6 ..	...	...	3 19 0

Brass Caps, 3/- per Machine extra.

Folding Handle at a small extra charge.

THE "EWBANK VICTORY"



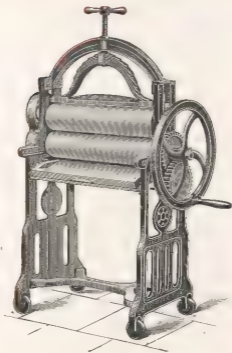
PRICES :

	Inches			
With Rollers	20 x 6	..	..	£2 19 0
"	21 x 6			2 9 6
"	22 x 6	.	.	3 0 0
"	24 x 6	...	..	3 1 0
"	27 x 6	.	..	3 10 0
"	30 x 6	...		3 19 0

Brass Caps, 3/- per Machine extra.

Folding Handle at a small extra charge.

THE "CITIZEN"



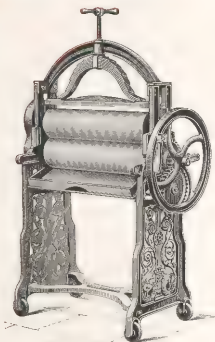
PRICES :

Inches		
With Rollers—20 x 6	.	E2 .9 0
21 x 6	..	2 .9 6
22 x 6	.	3 0 0
24 x 6	.	3 0 0
27 x 6	.. ..	3 .0 0
30 x 6	.. ..	3 19 0

Brass Caps, 3/- per Machine extra.

Folding Handle at a small extra charge.

THE "GROTESQUE"



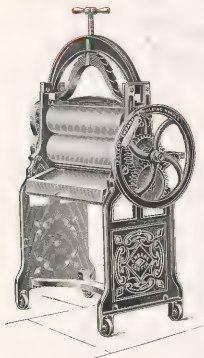
PRICES:

	Inches.				
With Rollers—	20 x 6	...	..	...	£2 19 0
..	21 x 6	...	...	..	2 19 6
..	22 x 6		.	.	3 0 0
..	24 x 6	...	..	...	3 1 0
..	27 x 6	...	..	...	3 10 0
..	30 x 6	...	..	...	3 19 0

Brass Caps, 3/- per Machine extra.

Folding Handle at a small extra charge.

THE No 1. GRIFFIN.



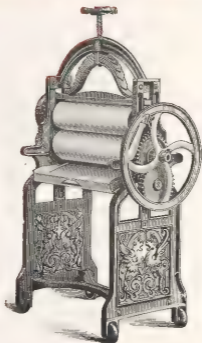
PRICES :

	Inches			
With Rollers—	20 x 6	...	..	£2 19 0
"	21 x 6	..	..	2 19 6
"	22 x 6	.	..	3 0 0
"	24 x 6		...	3 1 6
"	27 x 6	...	..	3 10 0
"	30 x 6	...	..	3 9 0

Brass Caps, 3/- per Machine extra.

Folding Handle at a small extra charge.

THE No 2. GRIFFIN



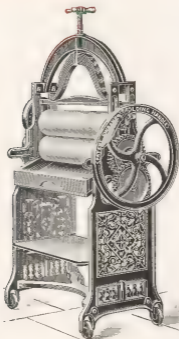
PRICES:

	Inches.				
With Rollers—	20 x 6	...	...	...	£2 19 0
"	21 x 6	...	...	...	2 19 6
"	22 x 6	...	...	...	3 0 0
"	24 x 6	...	...	...	3 1 0
"	27 x 6	...	...	...	3 10 0
"	30 x 6	...	...	...	3 19 0

Brass Caps, 3/- per Machine extra.

Folding Handle at a small extra charge.

THE "EWBANK JEWEL"



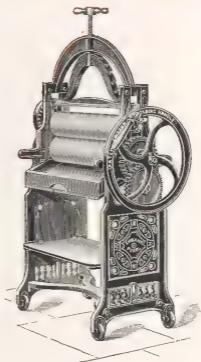
PRICES :

	Inches		
With Rollers	20 x 5½	..	£2 16 0
"	21 x 5½		2 16 6
"	22 x 5½	"	2 7 0
"	24 x 5½	"	2 8 0
"	27 x 5½	..	3 7 0
"	30 x 5½	..	3 16 0

Brass Caps, 3/- per Machine extra.

Folding Handle at a small extra charge.

THE "EWBANK PEARL"



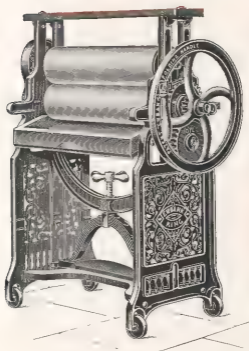
PRICES :

	Inches				
With Rollers	20 x 5½	...	...	...	£2 16 0
"	21 x 5½	...	...	...	2 16 6
"	22 x 5½	...	...	...	2 17 0
"	24 x 5½	...	...	...	2 18 0
"	27 x 5½	...	...	...	3 7 0
"	30 x 5½	...	...	...	3 16 0

Brass Cans, 3/- per Machine extra.

Folding Handle at a small extra charge.

THE "EWBANK KING"



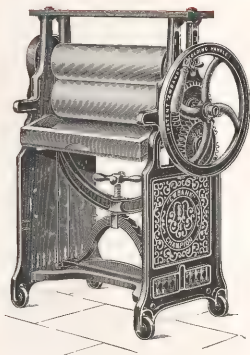
PRICES :

	Inches.					
With Rollers—	21 x 6	...	...	...	£3	1 6
"	24 x 6	...	...	...	3	3 0
"	27 x 6	...	...	...	3	12 0
"	30 x 6	...	...	...	4	1 0

Brass Caps, 3/ per Machine extra.

Folding Handle at a small extra charge.

THE "EWBANK CHAMPION"



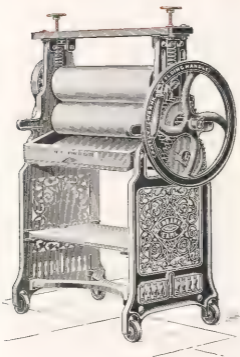
PRICES :

	Inches				
With Rollers—	21 x 6	...	...	...	£3 1 6
	24 x 6	...	..	...	3 3 0
	27 x 6	...	...	...	3 12 0
..	30 x 6	...	...	...	4 1 0

Brass Caps, 3/ per Machine extra.

Folding Handle at a small extra charge.

THE "EWBANK EARL"



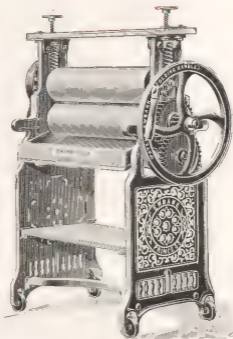
PRICES :

	Inches				
With Rollers	21 x 6	...	...	...	£2 19 ½
..	22 x 6	...	...	...	3 0 0
..	24 x 6	...	...	...	3 1 0
..	27 x 6	...	...	...	3 10 0
..	30 x 6	...	...	...	3 19 0

Brass Caps, 3/- per Machine extra.

Folding Handle at a small extra charge.

THE "LEW BANK PRINCESS"



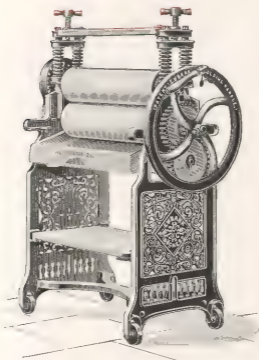
PRICES :—

	Inches.					
With Rollers—	21 x 6	...	...	...	£2 19 6	1
"	22 x 6	...	..	...	3 0 0	
"	24 x 6	..	...	...	3 1 0	
"	27 x 6	...	...	...	3 10 0	
"	30 x 6	...	...	...	3 19 0	

Brass Caps, 3/- per Machine extra.

Folding Handle at a small extra charge.

THE "W BANK DUCHESS"



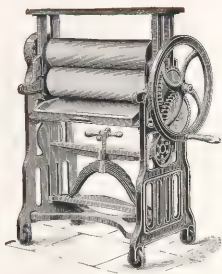
PRICES :—

	Inches				
With Rollers—	21 x 6 (uncapped)	...	...	£3	1 6
..	24 x 6	..	...	3	3 0
..	27 x 6	..	...	3	12 0
..	30 x 6	..	...	4	1 0

Brass Caps, 3/- per Machine extra.

Folding Handle at a small extra charge.

THE "RELIANCE"



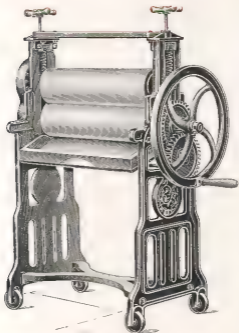
PRICES :

	Inches.				
With Rollers—	20 x 6 ..	..	...	£3	1 0
"	21 x 6...	...	...	3	1 6
"	22 x 6 ..	...	..	3	2 0
"	24 x 6 ..	...	..	3	3 0
"	27 x 6 ..	..	...	3	12 0
"	30 x 6 ..	...	...	4	1 0

Brass Caps, 3/- per Machine extra

Folding Handle at a small extra charge.

THE URBAN.



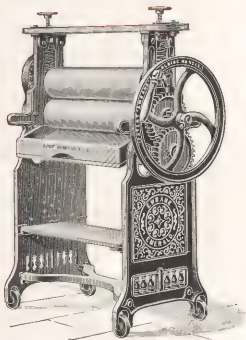
PRICES :

	Inches		
With Rollers	21 x 6	..	£2 19 6
"	22 x 6	.. ..	3 0 0
"	24 x 6	... ..	3 . 0
"	27 x 6	... ..	3 10 0
"	30 x 6	... ..	3 .9 0

Brass Caps, 3/- per Machine extra.

Folding Handle at a small extra charge.

THE "EWBANK EMERALD"



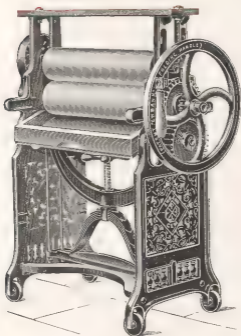
PRICES : -

	Inches.				
With Rollers—	20 x 5½	...	...	...	£2 16 0
"	21 x 5½	...	...	...	2 16 6
"	22 x 5½	...	...	...	2 17 0
"	24 x 5½	...	...	...	2 18 0
"	27 x 5½	..	...	...	3 7 0
"	30 x 5½	...	...	...	3 16 0

Brass Caps, 3/- per Machine extra

Folding Handle at a small extra charge.

THE "EWBANK GEM"



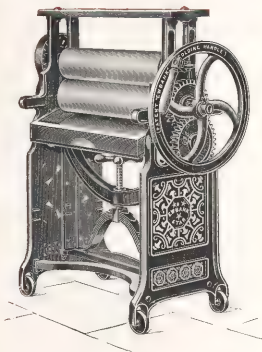
PRICES :—

	Inches.				
With Rollers—	21 x 5½	...	..	£2	18 6
..	24 x 5½	...	...	3	0 0
..	27 x 5½	..	.	3	9 0
..	30 x 5½	..	...	3	18 0

Brass Caps, 3/- per Machine extra

Folding Handle at a small extra charge.

THE "E. W. BANK STAR"



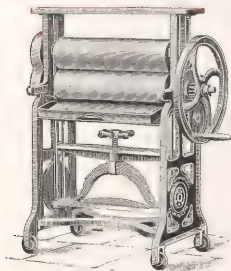
PRICES :

	Inches.				
With Rollers—	21 x 5½	...	...	...	£2 18 6
..	24 x 5½	..	..	..	3 0 0
..	27 x 5½	...	...	...	3 9 0
..	30 x 5½	...	...	...	3 18 0

Brass Caps, 3/- per Machine extra.

Folding Handle at a small extra charge.

THE "PEOPLE'S"



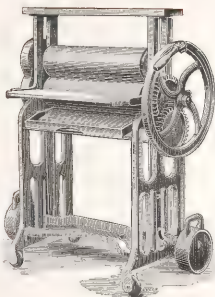
PRICES :—

		Inches			
With Rollers—	20 x 5½	...	...	...	£2 18 0
"	21 x 5½	...	...	...	2 18 6
"	22 x 5½	...	...	...	2 19 0
"	24 x 5½	...	...	...	3 0 0
"	27 x 5½	..	...	...	3 9 0

Brass Caps, 3/- per Machine extra.

Folding Handle at a small extra charge.

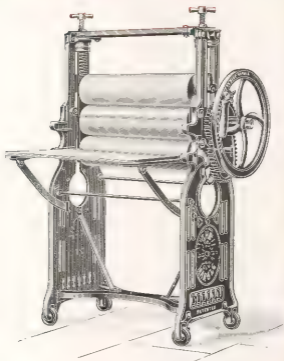
THE G. "WINNER"



PRICES (with brass capped Rollers & Folding Handle :

	Inches.					
With Rollers—	24 x 6	...	...	£4	2	0
"	27 x 6	...	...	4	11	0
"	30 x 6	...	...	5	0	0

THE "IONA"

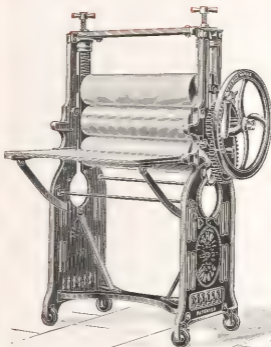


Axle of middle roller running in fixed bearings, pressure of top roller neutralizes that of bottom roller, and relieves axle of middle roller from all strain.

PRICES (*with brass capped Rollers & Folding Handle*)

	Inches,				
With Rollers—	21 x 6	...	...	..	£4 15 0
..	24 x 6	...	...	.	4 19 0
..	27 x 6	...	...	...	5 9 0
..	30 x 6	...	...	...	5 19 0

THE "BUTE"

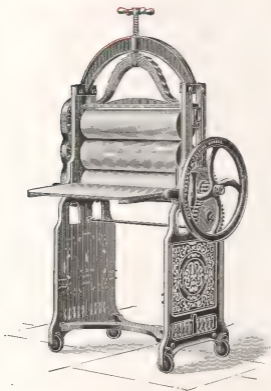


Axle of middle roller running in fixed bearings, pressure of top roller neutralizes that of bottom roller, and relieves axle of middle roller from all strain.

PRICES *(with uncapped Rollers & Folding Handle):*

	Inches				
With Rollers—	21 x 5½	...	...	£4	4 0
	24 x 5½	...	...	4	6 0
	27 x 5½	...	...	4	17 0
	30 x 5½	...	..	5	11 0

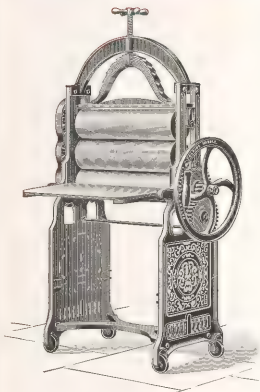
THE "SYDNEY"



PRICES (with brass capped Rollers & Folding Handle)

	Inches				
With Rollers—	21 x 6	...	...	...	£4 15 0
"	24 x 6	...	...	...	4 19 0
	27 x 6	...	...	...	5 9 0
	30 x 6	...	...	...	5 19 0

THE "ORIENT"



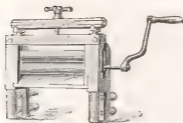
PRICES (*with uncapped Rollers & Folding Handle*)

	Inches.				
With Rollers—	21 x 5½	...	...	...	£4 4 0
..	24 x 5½	...	...	...	4 6 0
	27 x 5½	...	...	...	4 17 0
	30 x 5½	...	...	..	5 11 0

RUBBER WRINGERS.

No. 11.

Will fix to either Round or Square Tub.



Framework of best English Hardwood.

Rubber of very best quality.

No better Wringer made

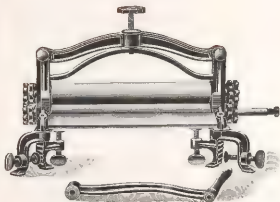
PRICES :—

	1 inches				
With Rollers	10 x 1 $\frac{1}{2}$	...	...	...	£1 12 0
.	12 x 1 $\frac{3}{4}$	...	...	...	1 16 0
.	14 x 1 $\frac{7}{8}$	...	...	...	2 10 0
..	16 x 1 $\frac{7}{8}$	...	...	...	3 0 0

RUBBER WRINGERS.

THE "PRESIDENT."

To fit Tub or Table

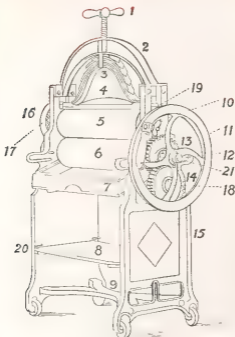


With Wheels at both ends of Rollers.

PRICES : -

	Inches				
With Rollers—	12 x 1 $\frac{3}{4}$	...	...	...	£1 6 0
,	14 x 1 $\frac{3}{4}$	...	...	...	1 11 0
,	15 x 1 $\frac{3}{4}$	...	...	...	1 14 0
	16 x 2	...	...	...	1 16 0

Illustrated Key of Bow Top Mangle.



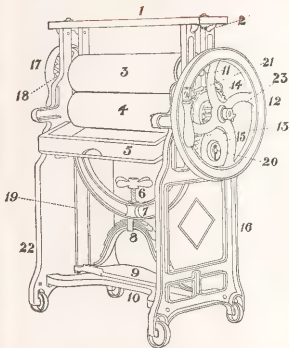
NAMES, &c., OF PARTS.

No.	No.
1. Pressure Screw.	11. Fly Wheel.
2. Bow Top—state width of Machine as given on Spring Bar.	12. Wood Handle—state if for our Folding or Ordinary Handle.
3. Spring—state width of Machine as given on Spring Bar.	13. Plate Wheel—state number of teeth and diameter, also bore.
4. Spring Bar—state width of Machine as given on Spring Bar.	14. Stud Wheel—state number of teeth and diameter also bore.
5. Top Roller—state diameter & length, and if capped or uncapped.	15. Stud End Side—state pattern of Machine.
6. Bottom Roller—state diameter and length, and if capped or uncapped.	16. Wheel Guard or Cover.
7. Drip or Water Board—state width of Machine as given on Spring Bar.	17. Star Wheel—state number of teeth diameter, and bore.
8. Mangling Board—State width of Machine as given on Spring Bar.	18. Stud.
9. Cross Rail—state width of Machine as given on Spring Bar.	19. Step or Die.
10. Thumb—state width of Machine as given on Spring Bar.	20. Cover End Side.
	21. Collar for holding Fly Wheel in position.

The above all refer to our own manufacture, any other makes will be readily procured. We have also a very large variety of Wheels in stock.

For Prices and further particulars see pages 68 to 71.

Illustrated Key of Under Spring Mangle.



NAMES, &c., OF PARTS.

No.	No.
1. Top Board—state size as given on Spring Bar.	12. Fly Wheel
2. Top Board Bracket.	13. Wood Handle—state if for our Folding or Ordinary Handle
3. Top Roller—state diameter & length, and if capped or uncapped.	14. Plate Wheel—state number of teeth, diameter, and bore
4. Bottom Roller—state diameter and length, and if capped or uncapped.	15. Stud Wheel—state number of teeth, diameter, and bore
5. Drip or Water Board—state size	16. Stud End Side—state pattern of Machine
6. Under Screw	17. Wheel Guard or Cover
7. Under Bow—state size as given on Spring Bar	18. Star Wheel—state number of teeth, diameter, and bore.
8. Spring—state size as given on Spring Bar.	19. Under Spring Rods, or Bolts
9. Spring Bar—state size as given on same.	20. Stud.
10. Cross Rail—state size as given on same.	21. Thumb Screw, for Folding Handle
11. Sash or Doe.	22. Cover End Side
	23. Collar for holding Fly Wheel in position

*When Ordering Special Rollers, kindly give particulars
as per Sketch below.*



Length of Roller including Caps, if any,

Diameter "

Length of Roller Axle

Length of "

Diameter of "

State if Brass Caps or plain ends are required

B to C	...	inches.
E to F	...	"
A to B...	...	"
C to D	...	"
	...	"
	...	"

Parts of Washing, Wringing, and Mangling Machines.

No.		18-in	20-in	21-in	22 in.	24 in	26 in	30 in.
1	Rollers re-wooding, $\frac{5}{8}$ -in dia.	£ s. d. 0 15 0	£ s. d. 0 15 0	£ s. d. 0 15 6	£ s. d. 0 16 0	£ s. d. 0 17 0	£ s. d. 0 18 0	£ s. d. 0 19 0
2	" " " 6-in "	0 17 0	0 18 0	0 19 0	0 20 0	0 21 0	0 22 0	0 23 0
3	Lignum Vitæ Rollers, $\frac{5}{8}$ in., each extra	0 4 0	0 5 0	0 6 0	0 7 0	0 8 0	0 9 0	0 10 0
4	" " " 6-in "	0 6 0	0 7 6	0 9 0	0 10 0	0 11 0	0 12 0	0 13 0
5	Bow Tops, prepared for Pressure Screw	0 4 0	0 4 0	0 5 0	0 5 0	0 6 0	0 7 0	0 8 0
6	Screw Rails, "	0 4 0	0 4 0	0 5 0	0 5 0	0 6 0	0 7 0	0 8 0
7	Spring Bars "	0 2 0	0 2 0	0 2 0	0 2 0	0 3 0	0 3 0	0 4 0
8	Bottom Cross Rails, for Cast Machines	0 2 6	0 2 6	0 3 0	0 3 0	0 4 0	0 4 0	0 5 0
9	" " " " Safety "	0 2 6	0 2 6	0 3 0	0 3 0	0 4 0	0 4 0	0 5 0
10	Springs (top, under, or back pattern) for Machines with bar	0 5 6	0 6 0	0 6 0	0 7 0	0 7 0	0 8 0	0 9 0
11	Springs (extended) for Machines without bar	0 2 0	0 2 0	0 2 0	0 2 0	0 3 0	0 3 0	0 4 0
12	Ordinary Drip Board "	0 2 0	0 2 0	0 2 0	0 2 0	0 3 0	0 3 0	0 4 0
13	" Mangling Board "	0 2 0	0 2 0	0 2 6	0 3 0	0 3 0	0 4 0	0 4 0
14	Front Drip and Mangling Board for "Safety"	0 2 0	0 2 0	0 3 0	0 3 0	0 4 0	0 4 0	0 5 0
15	Back Mangling Board for "Safety"	0 2 0	0 2 0	0 3 0	0 3 0	0 4 0	0 4 0	0 5 0
16	Top Boards "	0 2 0	0 2 0	0 3 0	0 3 0	0 4 0	0 4 0	0 5 0
17	Shafts (Axles) "	0 4 6	0 4 6	0 4 6	0 5 0	0 5 0	0 6 0	0 7 0

PARTS OF MACHINES.—CONTINUED.

Wheels.

No.									
1	Fly Wheel, ordinary pattern	...	...	...	...	...	...	...	5 0
2	heavy	...	...	...	...	...	...	...	6 0
20	" for washing part of No. 1A Washer	...	...	...	...	...	...	...	5 0
21	" " " Nos. 1C, 2C and 3C Washer	...	...	...	...	...	...	...	6 0
22	" " " Nos. 2A, 4C and 5C	...	...	...	...	...	...	...	7 0
23	Plate Wheel, of linary	...	...	...	...	...	...	...	2 0
24	Stud	...	...	...	...	...	...	...	2 6
25	Heavy Star Wheel for 6-in. Rollers	...	...	...	...	...	...	...	1 6
25A	Star Wheel for 5½-in. Rollers	...	...	...	...	...	...	...	1 0
26	Wince Wheel for No. 1A "Domestic" and all "Cottage" Washers	...	...	...	...	...	...	...	2 6
27	" " No. 2A "Domestic" Washer	...	...	...	...	...	...	...	3 6
28	Intermediate Wheel for "Cottage"	...	...	...	...	...	...	...	1 6
29	Plate and Star Wheel, for "Safety"	...	...	...	...	...	...	...	3 6
30	Stud Wheel, for "Safety"	...	...	...	...	...	...	...	3 6
31	Star Wheel, flanged, for "Safety"	...	...	...	...	...	...	...	1 6

Spiral Springs.

32	Spiral Spring, for "Monarch" and "Domestic" Washer	...	...	...	...	...	...	...	3 0
33	" " " Nos. 1, 2, 12, 20, 21, 130 & 131 "Safety," No. 1 "Security" & No. 3 "Griffin"	...	...	...	...	...	...	...	3 0
34	" " " Nos. 22, 23, 132 and 133 "Safety"	...	...	...	...	...	...	...	2 0
35	" " " "Urban" and "Village"	...	...	...	...	...	...	...	2 0

Sundry Parts for Mangles, &c.

36	Wheel Guard	...	...	...	...	...	...	...	2 0
37	Axle Bearings (Steps) ordinary	...	...	...	...	...	...	...	8
38	" " " for "Safety"	...	...	...	...	...	...	...	1 0
39	Pressure Screw	...	...	...	...	...	...	...	2 0
40	Ordinary Iron Handle for Fly Wheel	...	...	...	...	...	...	...	8
41	Patent "Ewbank" Folding Handle, complete	...	...	...	...	...	...	...	1 6
42	Top Bracket for "Safety," prepared for Pressure Screw	...	...	...	...	...	...	...	1 6
43	" " " "Urban" and "Village" prepared for Pressure Screw	...	...	...	...	...	...	...	1 6
44	Tumbler Bracket for "Safety" Front Board	...	...	...	...	...	...	...	1 3
45	Bracket and Finger (complete) for "Safety" Back Board	...	...	...	...	...	...	...	1 6
46	Finger only	...	...	...	...	...	...	...	6
47	Check Bracket (with Screw) for holding down Bottom Roller of "Safety" Mangle at gearing or cover end	...	...	...	...	...	...	...	1 0
48	Suspender Bolt for No. 1 "Safety"	...	...	...	...	...	...	...	0
49	" " " No. 13 and other "Safety" Mangles	...	...	...	...	...	...	...	4
50	Roller Bearing	...	...	...	...	...	...	each	1 6
51	Eccentric and Chip (complete, for No. 1 "Safety")	...	...	...	...	...	...	...	7 0
52	Collar and Screw for holding Fly Wheel in place	...	...	...	...	...	...	...	8
53	Handle for No. 11 India Rubber Wringer	...	...	...	...	...	...	...	1 6
54	T Casting for Spring for No. 11 India Rubber Wringer	...	...	...	...	...	...	...	6
55	Hand Wheel or Nut for Patent Cover	...	...	...	...	...	...	...	8

PARTS OF MACHINES. CONTINUED.

Sundry Parts for Washing Machines only.

	Tub (Box) for No 1A "Domestic" Washer If packed in non returnable crate, 5 - extra	
57	Tub (Box) for No 2A "Domestic" Washer If packed in non returnable crate, 5 - extra	2
58	Wince for No 1A "Domestic" Washer If packed in non-returnable crate, 4 - extra	0
59	Wince for No 2A "Domestic" Washer If packed in non-returnable crate, 5 - extra	10
60	Tub & Wince (Woodwork only) for Nos. 1A & 2A Washers If packed in non returnable crate, 4/6 extra	2 10
61	Tub & Wince (Woodwork only) for Nos. 3C & 4C Washers If packed in non-returnable crate, 5/- extra	
62	Tub & Wince (Woodwork only) for No 3C Washer If packed in non-returnable crate, 5/6 extra	3
63	Zinc Straps and Nails for Wince of No 1A Washer	
64	" " " " No 2A	
65	Galvanized Square ended Driving Spindle and Seating for Wince of No 1A and "Cottage" Washers	
66	Galvanized Square-ended Driving Spindle and Seating for Wince of No 2A Washer	
67	Galvanized Bush (Step) to carry end of Wince in No 1A and "Cottage" Washer	
68	Galvanized Bush (Step) to carry end of Wince in No. 2A Washer	
69	Galvanized Star Pivot for end of Wince in No 1A and Cottage Washers	
70	Galvanized Star Pivot for end of Wince in No 2A Washer	
71	Galvanized Driving Plate for end of Wince in No. 1A and Cottage" Washers	
72	Galvanized Driving Plate for end of Wince in No 2A Washer	
73	Star Pressure Nut for "Domestic" & "Cottage" Washers	
74	Galvanized Check Lever for holding down Wince of No. 1A Washer	6
75	Galvanized Check Lever for holding down Wince of No. 2A Washer	
76	Brass Button and Nut for holding down Lid on Wince of No 1A Washer	
77	Brass Button and Nut for holding down Lid on Wince of No 2A Washer	
78	Brass Tap for Washer without gland	
79	" " " with gland	
80	" Gland only, for ditto	
81	Fly Wheel Stud for washing part of No. 1A and "Cottage" Washers	
82	Intermediate Wheel Stud for "Cottage" Washer	
83	" " " " No 2A Washer	
84	Top Roller Step (Bearing) for all Washers	

Machine Ends.

85	For "Ewbank Jewel," "Ewbank Pearl," "Popular" and "Victory" Mangles	
86	" "Citizen," "Ewbank Queen," "Ewbank Victory," Grotesque," "Lancaster," "Security" and Urban" Mangles	7 1
87	" "Griffin," "Collier," "Topsy" and "Monarch" Mangles	10 0
88	" "Orient," "Sydney" and "Winner" Mangles, "Cottage" and "Domestic" Washers	1 0
89	" "Safety" Mangle	12

PARTS OF MACHINES. CONTINUED.

We have also Patterns for Wheels as below :

*Stud Wheels.**Plate Wheels.*

No.	No. of Teeth	Diameters Outside Teeth.	Width.	No.	No. of Teeth	Diameter Outside Teeth	Width.
121	27 and 10	8 in. and 3 in.	1 3/4 in.	144	27	8 in.	1 3/4 in.
122	29 .. 9	7 1/2 in. .. 2 1/2 in.	1 3/4 in.	145	29	7 1/2 in.	1 3/4 in.
123	29 .. 10	7 1/2 in. .. 3 in.	1 3/4 in.	146	29	7 1/2 in.	1 3/4 in.
124	30 .. 10	6 1/2 in. .. 2 1/2 in.	1 in.	147	30	6 1/2 in.	1 in.
125	30 .. 10	7 1/2 in. .. 3 in.	1 3/4 in.	148	30	7 1/2 in.	1 3/4 in.
126	30 .. 10	7 1/2 in. .. 3 in.	1 3/4 in.	149	30	7 1/2 in.	1 3/4 in.
127	30 .. 10	8 in. .. 3 in.	1 3/4 in.	150	30	8 in.	1 3/4 in.
128	30 .. 10	8 1/2 in. .. 3 in.	1 3/4 in.	151	30	8 1/2 in.	1 3/4 in.
129	31 .. 9	9 in. .. 2 1/2 in.	1 3/4 in.	152	31	9 in.	1 3/4 in.
130	31 .. 10	8 in. .. 3 in.	1 3/4 in.	153	31	8 in.	1 3/4 in.
131	31 .. 10	8 1/2 in. .. 3 in.	1 3/4 in.	154	31	8 1/2 in.	1 3/4 in.
132	34 .. 10	9 in. .. 3 in.	1 3/4 in.				
133	35 .. 11	7 1/2 in. .. 2 1/2 in.	1 3/4 in.				
134	35 .. 14	7 1/2 in. .. 2 1/2 in.	1 3/4 in.				
135	36 .. 12	7 1/2 in. .. 2 1/2 in.	1 3/4 in.				
136	36 .. 12	7 1/2 in. .. 2 1/2 in.	1 3/4 in.				
137	37 .. 12	7 1/2 in. .. 2 1/2 in.	1 3/4 in.	156	37	7 1/2 in.	1 3/4 in.
138	37 .. 12	7 1/2 in. .. 2 1/2 in.	1 3/4 in.	157	37	7 1/2 in.	1 3/4 in.
139	39 .. 12	8 1/2 in. .. 2 1/2 in.	1 3/4 in.	158	39	8 1/2 in.	1 3/4 in.
140	39 .. 14	8 in. .. 3 1/2 in.	1 3/4 in.	159	39	8 in.	1 3/4 in.
141	41 .. 12	8 1/2 in. .. 2 1/2 in.	1 3/4 in.				
142	49 .. 12	8 1/2 in. .. 2 1/2 in.	1 3/4 in.	165	49	8 1/2 in.	1 1/2 in.
143	49 .. 15	8 1/2 in. .. 2 1/2 in.	1 3/4 in.	166	49	8 1/2 in.	1 1/2 in.
				167	29	7 1/2 in.	1 1/2 in.
				168	30	7 1/2 in.	1 1/2 in.
				169	36	7 1/2 in.	1 3/4 in.
				170	52	8 1/2 in.	1 1/2 in.

Star Wheels.

No.	No. of Teeth	Diameter Outside Teeth.	Width.	No.	No. of Teeth	Diameter Outside Teeth.	Width.
171	10	6 1/2 in.	1 in.	182	14	6 1/2 in.	1 in.
172	10	6 1/2 in.	1 in.	183	14	6 1/2 in.	1 in.
173	11	4 3/4 in.	3/4 in.	184	14	6 1/2 in.	1 in.
174	12	3 3/4 in.	1 in.	185	14	6 1/2 in.	1 in.
175	12	6 in.	1 1/4 in.	186	14	6 1/2 in.	1 in.
176	12	6 1/2 in.	1 in.	187	15	6 1/2 in.	1 in.
177	12	6 1/2 in.	1 in.	188	15	6 1/2 in.	1 in.
178	13	6 in.	1 in.	189	15	6 1/2 in.	1 in.
179	13	6 1/2 in.	1 in.	190	16	6 1/2 in.	1 in.
180	13	6 1/2 in.	1 in.	191	17	6 1/2 in.	1 in.
181	14	6 1/2 in.	1 in.	192	19	6 1/2 in.	1 in.

THE "EWBANK" STEP LADDER.

CANNOT SPRING WHEN MOUNTED.

Has an **Iron Safety Stay** in place of rope, and strong malleable iron hinges.

The Iron Safety Stay (hinged to bolt passing right through the Ladder **holds the back leg near the bottom**, and is thus superior to any other safety appliance.

On this account the back leg can **never yield or spring**.



PRICES :

No. 1 as Illustrated.

No. 2 with Box and hinged Lid for Wash Leather etc

Three Steps	5/9		
Four	6/6	..	....
Five	7/4	..	10/-
Six	8/1	..	11/5
Seven	8/11	..	12/9
Eight	9/8	..	14/3
Nine	10/9	..	15/9
Ten	12/-	..	17/4
Eleven	13/2		
Twelve	14/3		

THE "EWBANK" STEP LADDER.

WITH IRON SAFETY STAY.



No. 3. WITH HANDLES AT TOP.



PRICES :

Three Steps	5/9	Eight Steps ...	9 8
Four	6/6	Nine	10 9
Five	7 4	Ten	12 -
Six	8/1	Eleven	13 2
Seven	8/11	Twelve ..	14 3

"VICES"

The "Lightning" Pattern Maker's or Joiner's Vice.



With Instant Grip.

Is now made with Unbreakable Steel Racks.

THE CHAMPION OF THE WORLD.

Engraving shows Joiner's Vice with work gripped. One-third of a turn of handle backward releases work and leaves the jaw free. Having only two working parts, viz., Spiral Cast *H* and Short Rack *L*, it combines simplicity with great strength.

Saves its Cost in Six Months.

If without it you are behind the times.

Tempered Steel Racks, with Machine Cut Teeth.

Kind.	Width of Jaws	Opens.	Price.
No. 0 SJ, Amateur's	7½ inches	6 inches	18/-
No. 1 SJ, Joiner's	9 ..	12 ..	20/-
(Without Bench Hook)			
No. 1 SHJ, Joiner's	9 ..	12 ..	20/9
(With Bench Hook)			
No. 1½ SJ, Joiner's	10½ ..	13 ..	23/6
(Without Bench Hook)			
No. 1½ SHJ, Joiner's	10½ ..	13 ..	24/6
(With Bench Hook)			

Iron Racks, with Cast Teeth.

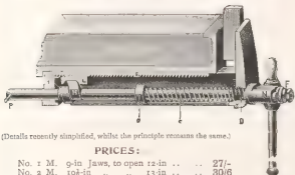
No. 0 J, Amateur's	7½ inches	6 inches	15/-
No. 1 J, Joiner's	9 ..	12 ..	17/-
(Without Bench Hook)			
No. 1 HJ, Joiner's	9 ..	12 ..	17/9
(With Bench Hook)			
No. 1½ J, Joiner's	10½ ..	13 ..	20/6
(Without Bench Hook)			
No. 1½ HJ, Joiner's	10½ ..	13 ..	21/6
(With Bench Hook)			

Jaws Drilled to receive Wood Facings.

"VICES"

The "Ewbank" Pattern Maker's or Joiner's Vice.

A Combination of the "Lightning" with a Screw & Solid Nut.



(Details recently simplified, whilst the principle remains the same.)

PRICES:

No. 1 M.	9-in Jaws, to open 12-in ..	27/-
No. 2 M.	10½-in 13-in ..	30/6

The "Ewbank" Engineer's Vice.



A combination of the "Lightning" Action with a Screw and Solid Nut

Grips Instantly. Allows a Second Grip.

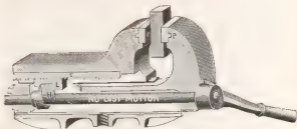
View shows work gripp. Turning Handle backward revolves Shaft half a turn, dropping L out of .. or with E, .. free to be moved to .. Half a turn forward puts L .. E, .. fixing loose jaw screw D being then brought into operation ..

No. 01 R	Width of Jaws 4 inches, opens 4 inches ..	£2 11 0
No. 1 R	" " 5 " " 5 " ..	2 17 0
No. 2 R	" " 5½ " " 6½ " ..	3 4 6
No. 3 R	" " 6 " " 6½ " ..	3 7 6
No. 4 R	" " 6 " " 8½ " ..	4 14 0
No. 5 R	" " 7 " " 8½ " ..	5 0 0

* Specially suitable for Smith's Work.

"VICES"

The "Lightning" Engineer's Vice.

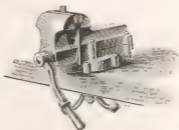


WITH INSTANT GRIP

Specially suitable for General Fitting and Brass Working.

Illustration shows Racks **E** and **L** engaged and the work gripped. By raising Handle to vertical position Cam **H** drops Rack **L** out of engagement with Rack **E**. Loose jaw is then at liberty, and can be adjusted to suit work. To grip work hold it in one hand, push Loose jaw against it with the other, and turn Handle down. Work is instantly secured.

No other Quick-Acting Vice is as strongly built.



WITH INSTANT GRIP

Splendidly made. Grips instantly. Holds tenaciously.

The engaging parts are of tempered Steel

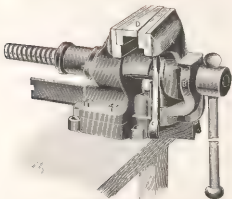
PRICES:

No. 0	E	Width of Jaws 3 inches, opens 3 inches . . .	£1 12 6
No. 01	E	" " 4 " " 4 " . . .	1 17 6
No. 1	E	" " 3 " " 3 " . . .	2 3 6
No. 2	E	" " 6 " " 6½ " . . .	2 11 6
No. 3	E	" " 4 " " 4 " . . .	3 13 0

Strongest and Handiest Quick-Action Vice made.

"VICES"

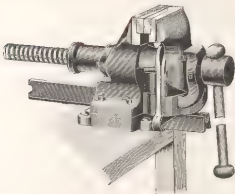
The "Bull Dog," With Swivel Jaw .. for Taper Work.



As swivelled for Taper Work

EXPLANATION — A Steel Swivel Jaw. B Steel Sliding Bar. C Catch
D Taper Work as held in Vice. Pull Catch C and Jaw A swivels for Taper
Work D; replace Catch C and Jaw becomes Parallel

Required in every Workshop.



As used on even work

Steel Jaw and Bar stand any amount of hard slogging. Instantly changed from
Parallel to Taper and

Invaluable for Irregular Work.

Size No 2 T. Width of Jaw 6-ins, open 8 ins. Price £3 11s. 6d.

You cannot afford to do without it.

"VICES"

The "Lightning" Drilling, Planing, and Shaping Machine Vice.



With Instant Grip.

Grips instantly. Very powerful grip.

With planed bed for setting work on.

PRICES:

No. 6 E	Width of jaws, 5½ inches, opens 6½ inches..	£4 13 6
No. 7 E	" " 6 " " 8 " "	5 14 6
No. 8 E	" " 9 " " 8 " "	6 11 6
No. 9 E	" " 12 " " 8 " "	7 15 0

"Marvellously useful on the Drilling Machine."
It is paid for by the Works and is a great asset.

Portable Vice.

WITH

.. *Wrought-iron Stand.*



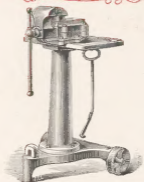
No.	Kind.	Width of Jaws.	Opens.	Price. £ s. d.
1	E.L.	3 inches	5 inches	4 6 0
2	E.L.	6 "	6½ "	5 1 0
3	E.L.	7 "	8½ "	6 10 0
4	E.L.	5 "	5 "	4 19 6
2	E.L.	5½ "	6½ "	5 14 0
2½	E.L.	6 "	6½ "	5 17 0
3	E.L.	6 "	8½ "	7 11 0
4	E.L.	7 "	8½ "	7 17 0
2	T.L.	6 "	8 "	6 1 0
	The "Lightning"			
	The "Ewbank"			
	The "Bull Dog"			

"VICES."

Portable Vices

WITH

Cast-iron Stand.

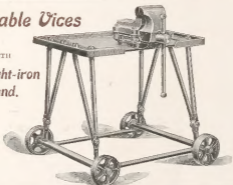


No.	Kind.	Width of Jaws.	Opens.	Price. £ s. d.
1 S	The "Lightning"	5 inches	5 inches	4 10 0
2 S		6 "	6 "	5 6 6
3 S		7 "	7 "	7 0 0
4 S		8 "	8 "	8 6 6
1 P	The "Ewbank"	5 inches	5 inches	5 5 3
2 P		6 "	6 "	5 10 6
3 P		7 "	7 "	6 2 6
4 P		8 "	8 "	6 10 0
1 TC	The "Bull Dog"	6 inches	6 inches	6 6 6

Portable Vices

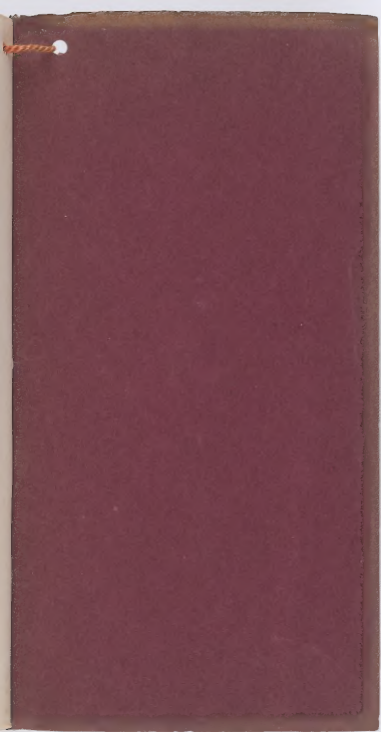
WITH

Wrought-iron Stand.

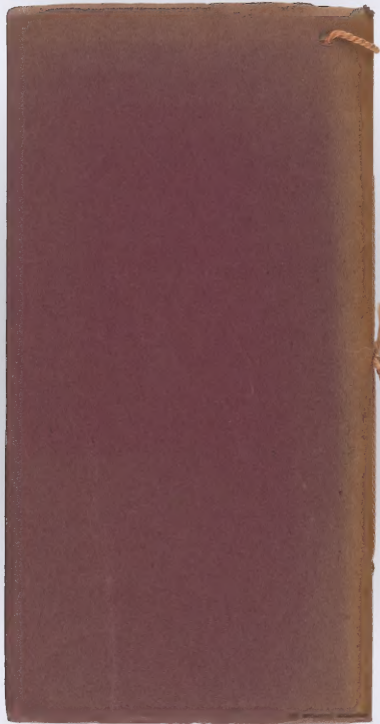


No.	Kind.	Width of Jaws.	Opens.	Price. £ s. d.
1 EW	The "Lightning"	5 inches	5 inches	7 19 0
2 EW		6 "	6 "	8 18 0
3 EW		7 "	7 "	10 6 6
4 EW		8 "	8 "	12 6 6
1 RW	The "Ewbank"	5 inches	5 inches	9 9 0
2 RW		6 "	6 "	9 12 0
3 RW		7 "	7 "	11 7 6
4 RW		8 "	8 "	11 13 6
1 TW	The "Bull Dog"	6 inches	6 inches	9 19 6





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